| 10/689,867   Examiner   Art Unit   |             |                  |                 | .,0,     |         |          | ΨP                                  | ^              |                   |                 |     |  |              | •        |         |           |          | ΨP                                     | [          |  |  |           |      |      |          | ns       | air          | Cla      | of (     | X (                                    | ide      | li        |      |  | _   |
|--|-------------|------------------|-----------------|----------|---------|----------|-------------------------------------|----------------|-------------------|-----------------|-----|--|--------------|----------|---------|-----------|----------|--|------------|--|--|-----------|------|------|----------|----------|--------------|----------|----------|--|----------|-----------|------|--|-----|
| Rejected   | RD A.       | ESPOSITO, GERARD |                 |          |         |          |                                     |                |                   |                 |     |  |              |          |         |           |          |  |            | AND REALISE CONTROL REPORTE CHINAL STRING CONTROL LEGIS TO THE |  |           |      |      |          |          |              |          |          |  | 11111    |           |      |  |     |
| Rejected   |             |                  | Art Unit        |          |         |          |                                     |                |                   |                 |     |  |              |          |         |           |          |  |            |  |  |           |      |      |          |          |              |          |          |  |          |           |      |  |     |
| Rejected   |             |                  | 2020            |          |         |          |                                     |                |                   | Sounded Admonit |     |  |              |          |         |           |          |  |            |  |  |           |      |      |          |          |              |          |          |  |          |           |      |  |     |
| Claim  | <br>        | 2839             |                 |          |         |          |                                     |                |                   |                 |     |  |              |          | ISTI    | N         | <u> </u> | av                                     | 77         |  |  |           |      | -    |          |          | 10110        | 14144    | *****    |  |          | 481       |      |  | _   |
| Claim  | <del></del> |                  |                 |          |         |          |                                     |                | $\overline{}$     | <del> </del>    |     |  |              |          |         |           |          |  |            | _  | _                                      | _         |      | ٦.   |          |          |              |          |          |  |          |           |      |  |     |
| Claim  |             |                  | Appeal          |          |         |          | اما                                 |                | ı                 | ted             | lec | ı-E  | No           |          |         | )         | ral)     | ΠĐI                                    | านก        | gh r   | hrou                                   | <b>(T</b> |      | _    |          |          | ed           | ect      | Re       | 1                                      |          |           |      |  |     |
| Claim  |             |                  | -               |          |         |          |                                     | _              |                   |                 | 4   |  |              |          |         | 174       |          |  |            | <u>u</u>   | me                                     | ance      | -    |      |          | _        |              | 4        |          |  |          | _         |      |  |     |
| Claim  |             |                  |                 | eď       | ect     | ble      | 0                                   |                | ol                |                 | ı   | 100  | rer          | rfe      | inte    |           |          |  |            | d  | cte                                    | stric     | Re   |      |          | +        |              |          | be       | owe                                    | All      | =         |      |  |     |
| The state of the   |             |                  |                 |          |         | _        |                                     |                | Ш                 |                 | J   |  |              |          |         | Ш         | J        |  |            |  |  |           |      |      |          | Ш        |              | J        |          |  |          |           |      |  |     |
| The state of the   | 1           |                  |                 |          | Dat     | _        |                                     |                | _                 | m               | lai |  | 1            | _        |         |           | Date     | _                                      |            |  | Т                                      | aim       | Ci   | 1    | $\neg$   | -        |              | ۱۵       | Dat      |  |          |           | lm   | Cis  | 1   |
| (1) √       51       101         2 1       52       102         3 1       103       104         4 √       54       104         5 0       55       105         6 0       55       106         7 0       56       106         8 0       56       108         9 0       59       109         10 √       60       110         11 1       61       111         12 1       62       112         13 1       63       113         16 √       64       114         15 1       65       115         16 √       68       116         17 7       117       117         78 0       68       118         19 0       69       119         20 0       70       120         21 0       71       121         22 √       73       123         24         74       124         25         76       126         26         126       127         76         127       127         28 √       78       78<   | 1           | Τ_               | П               | Ť        | T       | Г        |                                     |                | П                 |                 | Ť   |  | 1            | Т        | $\top$  | ĺΤ        |          | 宀                                      | Τ          | T  | ┢                                      |           | - 51 |      | П        | П        | Г            | Ĩ        | T        | Т                                      | Т        |           |      | <del></del>                                      |     |
| (1) √       51       101         2 1       52       102         3 1       103       104         4 √       54       104         5 0       55       105         6 0       55       106         7 0       56       106         8 0       56       108         9 0       59       109         10 √       60       110         11 1       61       111         12 1       62       112         13 1       63       113         16 √       64       114         15 1       65       115         16 √       68       116         17 7       117       117         78 0       68       118         19 0       69       119         20 0       70       120         21 0       71       121         22 √       73       123         24         74       124         25         76       126         26         126       127         76         127       127         28 √       78       78<   | İ           |                  |                 |          |         |          |                                     |                |                   | ji<br>Ja        | 1   | 횰  | ١.           |          |         |           |          |  |            |  | ı                                      | Ę         | 펼    |      |          |          |              |          | 1        |  | -        | ğ         | jina | 펼  |     |
| 10   |             |                  | H               | İ        |         |          |                                     |                |                   | 5               | 1   | Œ  |              | ı        |         |           | 1        |  |            |  | ı                                      | ð         | ĬĪ.  |      |          |          |              | ļ.       | 1        |  |          | 8         | Š    | Ē.   |     |
| 102   103   103   104   104   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   106   107   107   107   108   108   109   100    | 1           | +                | $\vdash$        | ╁        | ╁╌      | ┝        | ┝                                   |                | $\vdash$          | 101             | +   |  |              | ╁        | ┿       | $\dashv$  | ┥        | ╁╴                                     | ╁╌         | ╁  | ╁                                      | <u> </u>  |      |      | -        | $\vdash$ | ╁╴           | ╁        | ╁        | ┿                                      |          | 7         | _    |  |     |
| 4       V       54       104         5       0       55       105         7       0       57       107         8       0       58       108         9       0       59       109         10       V       60       110         11       61       111       111         12       62       112       113         13       63       113       113         15       64       114       114         15       65       115       116         16       66       116       117         78       0       68       118         19       0       69       119         20       0       70       120         21       0       71       122         22       1       74       124         25       75       125         26       76       126         27       77       126         28       78       128   | 1           | $\top$           |                 | T        |         |          |                                     |                |                   | 102             | T   |  | 1 .          |          |         |           |          |  |            | T  |  |           |      |      |          |          |              | T        | T        | 十                                      | +        |           |      | -  |     |
| Social Section   Soci   | ]           |                  |                 |          | oxdot   | $\Box$   |                                     |                | $\Box$            |                 |     |  | ]            | L        | $\top$  |           |          |  |            |  |  |           |      | . 1  |          |          |              | oxdot    | $\Gamma$ | $\perp$                                | T        | Ţ         | _    |  |     |
| 106  | 4           | -                | ${\mathbb H}$   | ╀        | +       | ⊢        | H                                   | Н              | $\vdash \vdash$   |                 |     | <u> </u>                                     | ┨.           | ┼-       | +       | $\dashv$  | L        | ╄                                      | ╄          | ╄  | ╄-                                     |           |      |      | _        | Н        | ⊢            | -        | ╀        | +                                      | 4        |           |      | <u> </u>   |     |
| 7 ○ ○       57       107         8 ○ ○       58       108         9 ○ ○       60       109         10 √       61       110         11 1       61       111         12 1       62       112         13 1       63       113         (44) 1       64       114         15 1       65       115         16 √       68       116         78 -       68       118         19 0       69       118         20 0       70       120         21 0       71       121         22 √       72       72         23         74       124         25         76       126         27         77       127         28 √       78       128  | ┨           | ╫                | ╟               | ╁╌       | ┿       | ⊢        | ┝                                   | $\dashv$       | H                 |                 |     | ┝  | -            | +        | ╁       | -         | H        | ╁╾                                     | ╀          | ╁  | ╀                                      |           | -    |      | $\vdash$ | Н        | ╁            | ╂        | ╀        | ╌                                      | ┿        |           |      |  |     |
| 8 0   58   108   109   110   111     | 1           | ╅                | $\vdash$        | †        | +-      | $\vdash$ |                                     | $\dashv$       | Н                 |                 |     | ┢  | 1            | ┢        | +       | $\dashv$  | Н        | 十                                      | 十          | t  | 十                                      |           |      |      | $\dashv$ | Н        | T            | ╁╴       | ϯ╴       | +-                                     | +        |           |      | $\vdash$   |     |
| 10   | 1           |                  |                 |          |         |          |                                     |                |                   | 108             | ľ   |  | 1            |          |         |           |          |  |            |  |  | 58        |      | . 1  |          |          |              |          |          |  |          | 0         |      |  |     |
| 11   | 1           | _                | Н               | ↓_       | ╄       | <u> </u> | _                                   | 4              | Щ                 |                 |     |  | 1            | ┞-       | 4       | $\dashv$  | Ц        |  | ╄          | ┞  | ↓_                                     |           |      | 1    |          |          | L            | <b>L</b> | L        | 1                                      | 4        |           |      |  |     |
| 12   | ┨           |                  | ╟               | ╁        | ╁╌      | $\vdash$ | ├─                                  | $\dashv$       | ┝╾┼               |                 |     |  | . 1          | ╀        | +       | $\dashv$  | ┨        | ╂                                      | ╀          | ╀  | ╁                                      |           |      |      | $\dashv$ | Н        | Ͱ            | ╀╌       | ┼-       | +-                                     | -        | ~         |      |  |     |
| 13   | 1           | 十                | $\dashv$        | 十        | +       | $\vdash$ | $\vdash$                            | Н              | H                 |                 |     | ┢─   | 1            | ╁╴       | +       | +         | Н        | ╁                                      | ╁╴         | ╁  | $\vdash$                               |           |      |      | Н        | Н        | $\vdash$     | ╁        | ╁        | ╁                                      |          | H         |      | <del>                                     </del> |     |
| 15   | ]           |                  |                 |          |         |          |                                     |                |                   | 113             | Т   |  | ]            |          |         |           |          |  |            |  |  |           |      |      |          |          |              |          |          | 1                                      | 土        |           | 13.  |  |     |
| 16   | 1           | $\bot$           | Ц               | 1        | ╀       | _        | _                                   | $\dashv$       | Ш                 |                 |     | <u> </u>                                     | 1            | L        | $\perp$ | _         |          |  | _          | $\vdash$   | <u> </u>                               |           |      |      |          |          |              |          | L        | $\perp$                                | $\Box$   | $\perp$   |      |  |     |
| 117  | ┨           | +                | 1               | ╁╌       | ╁       | ┢        | -                                   |                | Н                 |                 |     | ├—   | ┨.           | ╀        | +       | $\dashv$  | Н        | ╂                                      | ╂╼         | $\vdash$   | ╁                                      |           |      |      | $\dashv$ | Н        | ┢            | ╁╾       | ╄        | ┿                                      | -        | 7         |      | <u> </u>   |     |
| 78. 0       68       118         19 0       69       119         20 0       70       120         21 0       71       121         22 √       72       122         23 γ       73       123         24 √       74       124         25 √       75       125         26 √       77       127         28 √       78       128   | 1           | +                | H               | H        | +       | ┢        | $\vdash$                            | Н              | $\vdash$          |                 |     |  | 1            | ┢        | +       | $\dashv$  | Н        | H                                      | ╁╴         | ╁  | 十                                      |           |      |      | Н        | Н        | H            | ╁        | ╁        | ╁                                      | 十        | ÷         |      | <del> </del>                                     |     |
| 20 0   70   120   121   121   122   123   123   124   124   125   125   125   125   126   127   128    | 1           |                  |                 |          | 上       | 匚        |                                     |                | П                 | 18              | Ţ   |  | 1            |          |         |           |          |  | 1          |  |  | 68        |      | ٠    |          |          |              |          | 上        | $\perp$                                |          |           | 78   |  |     |
| 21   0     71     121     122  | 1           |                  | $\sqcup$        | _        | 1       | L        | Щ                                   | Ц              | Ц                 |                 |     |  | <u>l</u>     |          | $\perp$ | 4         | Ц        | L                                      |            |  | L                                      |           |      |      |          |          | L            | L        | L        | 1                                      | $\bot$   |           |      |  |     |
| 22   V   | 4           | -                | $\vdash$        | ╂        | ╂       |          | H                                   | -              | $\vdash$          |                 |     | <u> </u>                                     | 1            | ╁        | +       | +         | $\vdash$ | -                                      | 1          | ╄  | ╀                                      |           |      |      | _        | Н        | H            | ╀        | ╀        | ╀                                      | +        | 위         |      | <u> </u>   |     |
| 23 \   | 1           | ╅                | H               | ╁        | ╁╌      | ┢        | $\vdash$                            | $\dashv$       | H                 |                 |     |  | i            | $\vdash$ | +       | $\dashv$  | Н        | H                                      | +          | ╁╌   | ╁                                      |           |      | ` .  | $\dashv$ | Н        | H            | ╁        | ╁╴       | ┿                                      | +        |           |      | <del> </del>                                     |     |
| 25   | ]           |                  |                 |          |         |          |                                     |                |                   | 23              | ľ   |  | 1.           |          | İ       | $\Box$    |          |  | 仜          | 仜  |  | 73        |      |      |          |          |              |          |          | 1                                      | 土        | Ł         | 23   |  |     |
| (26)   | 4           | -                | $\sqcup$        | ـــــ    | ╄       | ┡        | ╙                                   | Ц              | Н                 |                 |     | <u> </u>                                     | ١,           | 1        | $\bot$  | _         | Ц        | L                                      | ╄          | 丄  | ــــــــــــــــــــــــــــــــــــــ |           |      | ١,   | _        | П        |              | ┖        | _        | 1                                      | $\perp$  | Ц         |      |  |     |
| 27   127   127   128   1 | 1           | ╫                | $\vdash$        | ╀        | ╁       | -        | $\vdash$                            | $\dashv$       | $\vdash$          |                 |     | ├—   | 1:           | ╀        | ╬       | $\dashv$  | Н        | ╂╌                                     | ╀          | ╀  | ╀                                      |           |      |      | $\dashv$ | Н        | Н            | ╀        | ╀        | ╀                                      | +        | Н         | 25   | $\vdash$   | -   |
| 28 1 128   | 1           | +                | H               | +        | 十       | 十        | $\vdash$                            | $\dashv$       | H                 | 27              | †   | $\vdash$                                     |              | $\vdash$ | +       | $\dashv$  | Н        | ╁                                      | ╁          | ╁  | $\vdash$                               |           |      |      | $\dashv$ | Н        | $\vdash$     | +        | +        | 十                                      | +        | ╢         |      | ├  |     |
|  | ]           |                  |                 |          |         | L        |                                     |                |                   | 128             | T   |  | <u> </u> ' ' |          |         |           |          |  | 仜          |  |  | 78        |      |      |          |          |              |          |          | 1                                      | I        | V         |      |  |     |
| 79 129   | 4           |                  | 1               | ↓_       | ╄       | ┡        | L                                   | $\Box$         | Н                 |                 |     | <u> </u>                                     | ١.           | <u> </u> | 4       | 4         | Ш        |  | lacksquare | ↓_   | <b>L</b>                               |           |      |      |          |          | $oxed{oxed}$ |          | L        | $\perp$                                |          | $\exists$ |      |  |     |
| Total  | 1           | +                | ${}+$           | ╀        | +       | $\vdash$ | $\vdash$                            | $\dashv$       | ${oldsymbol{ee}}$ | 31              | ╀   | ├—   | ł            | ╀        | +       | +         | Н        | $\vdash$                               | ╀          | ⊢  | ŀ                                      |           |      |      | $\dashv$ | Н        | ├            | ╀        | ╀        | +                                      | -        |           |      |  | ł   |
| 32 0   | 1           | 十                | 十               | 十        | +       | H        | $\vdash$                            | $\dashv$       | Н                 | 132             | Т   | $\vdash$                                     | 1            | t        | +       | $\dashv$  | Н        | 1                                      | T          | t  | H                                      |           |      |      | $\dashv$ | H        | $\vdash$     | T        | +        | +                                      | -        | _         | -    | $\vdash$   | 1   |
| 33 0 83 133  | ]           | I                | $\Box$          |          |         |          |                                     |                |                   | 33              | Γ   |  | ]            |          | $\perp$ | $\Box$    |          |  |            | Γ  |  | 8         |      |      |          |          |              |          | I        | 工                                      |          | 0         | 33   |  | ı   |
| 34 1 134   | 4           | 4-               | Щ               | <b>↓</b> | $\perp$ | L        | $\vdash$                            | Ц              | Щ                 | 34              | ľ   | <u> </u>                                     | 1            | L        | 1       | $\dashv$  | Ц        |  | $\vdash$   | L  | Ľ                                      |           |      | []   |          | Ц        | $\vdash$     | 1_       | $\vdash$ | 1                                      | 丰        | 1         | 34   |  |     |
| 35 1 85 135 135 136 136 136 136 136 136 136 136 136 136  | 1           | +                | $\vdash$        | ├-       | ╁       | ├        | $\vdash$                            | $\vdash$       | $\dashv$          |                 |     | ├  | 1            | $\vdash$ | +       | +         | Н        | +                                      | ╁          | ╁  | ⊢                                      | _         |      |      | $\dashv$ | Н        | $\vdash$     | ╀        | +        | +                                      | +        | _         |      | <u> </u>   | 1   |
| (37) 87 137 137  | 1           | +                | $\dashv$        | ╁        | +       | 十        | $\vdash$                            | $\dashv$       | H                 |                 |     | <del> </del>                                 | 1 .          | ╁        | +       | 一         | Н        | ╁                                      | 十          | t  | $\vdash$                               |           |      |      | $\dashv$ | H        | t            | ╁        | ╁        | +-                                     | +        |           |      |  | 1   |
| 38 1 88 138  | 1           | 工                |                 |          |         |          |                                     |                |                   | 38              | T   |  | 1            |          | 工       |           |          |  |            |  |  | 88        |      |      |          |          |              |          |          | 1_                                     |          | 11        |      |  | Ì   |
| 39 1 139   | 4           |                  | Н               |          |         | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\blacksquare$ | Ц                 |                 |     |  |              |          | _       | _         |          | <u> </u>                               | ↓_         | <u> </u>   | L                                      |           |      |      | $\Box$   |          | L            | L        | 1_       | $\perp$                                | $\Box$   |           |      |  | ſ   |
| 40 V 90 140 141 141  | ┨           | ╫                | $\vdash$        | ╁╌       | ╁       | ┢        | $\vdash$                            | $\dashv$       | Н                 |                 |     |  | 1            | ╀        |         | -         | Н        | ⊢                                      | ╀          | ⊢  | ⊢                                      |           |      |      | $\dashv$ | $\Box$   | ⊢            | ╀        | ┼-       | ╀                                      | +        | _         |      |  | 1   |
| 141   142    | 1           | +                | $\vdash$        | ┢        | +-      | ┢        | $\vdash$                            | $\dashv$       | $\vdash \vdash$   |                 |     | 一  | 1            | $\vdash$ | +       | $\dashv$  | Н        | $\vdash$                               | $\vdash$   | +  | $\vdash$                               |           |      |      | $\dashv$ | Н        |              | $\vdash$ | +-       | +                                      | $\dashv$ |           |      | $\vdash$   | 1   |
| 43 0 93 143  | 1           | I                |                 |          | 上       |          |                                     |                |                   | 43              | ľ   |  | 1            | I        |         | 丁         |          |  |            | I  |  | 93        |      |      |          |          |              |          | I        | 上                                      | 工        | 0         | 43   |  | j   |
| 44 0 94 144  | 1           | $\perp$          | H               | L        |         | Ĺ        | $\Box$                              |                | П                 |                 |     |  |              | F        | $\bot$  | 耳         | Д        |  | $\Box$     | L  |  |           |      |      | $\Box$   | Ц        |              |          | L        | $\perp$                                | $\perp$  | 0         | 44   |  | ı   |
| 45 O 95 145 146 146 146 146 146 146 146 146 146 146  | ┨           | ╫                | $\vdash \vdash$ | ╀╌       | +       | ┝        | $\vdash$                            | H              | $\vdash$          |                 |     | ├  | ł            | ⊢        | +       | +         | Н        | $\vdash$                               | ╁          | ╀  | ┝                                      |           |      |      | $\dashv$ | Н        | $\vdash$     | ╀        | ╀        | ╁                                      | +        |           |      | $\vdash$   | - 1 |
| 40 1 140 147 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 1           | +                | $\vdash$        | 十        | +       | 十        |                                     | $\vdash$       | H                 |                 |     | $\vdash$                                     | 1            | t        | 十       | +         | H        | $\vdash$                               | +          | +-   | H                                      |           |      |      | $\dashv$ | H        | $\vdash$     | $\vdash$ | ╁        | ╁                                      | +        |           |      | <del>  -</del>                                   | 1   |
| 48 1 98 148  | 1           | 工                | 口               |          | $\perp$ |          |                                     |                |                   | 48              | 1   |  | 1            |          | 上       | $\exists$ |          |  |            |  |  | 98        |      |      |          |          |              |          | I        | 上                                      | 土        |           | 48   |  | Ì   |
| 49 149 149   | 4           | $\bot$           | $\Box$          | 1        | 1       | Ĺ        |                                     | Ц              | $\Box$            |                 |     | <u>                                     </u> | 1            | $\perp$  | T       | $\dashv$  | П        |  | F          | Ľ  | F                                      |           |      | .    |          |          |              | Г        | F        | $\perp$                                | 工        |           |      |  |     |
| 50 100 150   |             | 1                | Ш               |          |         | ᆫ        | Щ                                   | Ш              | Ш                 | 100             | Т,  |  | j            |          | _L_     |           | Ш        | ــــــــــــــــــــــــــــــــــــــ |            | L  |  | 100       |      | i. I | لــا     | ш        | Ц.           | _        |          | ــــــــــــــــــــــــــــــــــــــ |          |           | 50   |  | - 1 |

Application No.

Applicant(s)